

Safety Data Sheet (SDS) Selefos

According to UN GHS 8th Ed

Revision Date: 16/08/2022

First print date: 01/06/2018

Version: 1.1

SECTION 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING

Product identifier:

Identification as on the label/Trade name: Selefos

Common Name: Profenofos 500 g/ℓ EC

Relevant identification uses of the substance and uses advised against:

Identified uses: Insecticide

Uses advised against: Use only as directed.

Details of the supplier of the Safety Data Sheet:

Enviro Bio-Chem (Pty) Ltd, 44 Kerk Street,
Lichtenburg, North West, South Africa, 2740

Details of the Registration Holder:

Erintrade cc t/a RT Chemicals, 44 Kerk Street,
Lichtenburg, North West, South Africa, 2740

Contact Details:

Telephone: +27 87 231 7261

Fax: 086 541 7948

Website: www.envirobiochem.co.za

Emergency telephone numbers:

24 Hour Emergency Number: Bateleur: +27 83 123 3911

Griffon Poison Information Centre: +27 82 446 8946

Poisons Information Helpline: 0861 555 777

Tygerberg Hospital: +27 21 931 6129

SECTION 2. HAZARD IDENTIFICATION

Classification of the substances or mixture

The mixture is classified according to Regulation (EC) No 1272/2008 EU-GHS/CLP

Hazard classes/Hazard categories	Hazard statement
Flammable Liquid (Category 2)	H225
Acute toxicity (Category 4)	H302
Aspiration Hazard (Category 1)	H304
Skin irritation (Category 2)	H315
Acute toxicity (Category 1)	H332
Reproductive Toxicity (Category 2)	H361d
STOT SE (Category 1)	H370
STOT RE (Category 2)	H373
Aquatic Toxicity Acute (Category 1)	H400
Aquatic Toxicity Chronic (Category 1)	H410

For full text of H statements see section 16

The most important adverse effects

The most important adverse physicochemical effects: Highly flammable liquid and vapour

The most important adverse human health effects: May be fatal if ingested and aspiration occurs. Harmful if swallowed. Causes skin irritation. Suspected of damaging unborn child

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Label elements


Hazard pictograms:
Signal Word: Danger

Hazard Statements:

H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H332	Harmful if inhaled
H361d	Suspected of damaging unborn child
H370	Causes damage to organs
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Precautionary Statements:

P102	Keep out of reach of children
P103	Read label before use
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P260	Do not breathe dust/fumes/gas/mist/vapours/spray.
P264	Wash hands, forearms, and face thoroughly after handling
P270	Do not eat, drink, or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/313	IF ON SKIN: Wash with plenty of water and non-abrasive soap.
P308+P311	IF exposed or concerned: Call a POISON CENTER.
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P391	Collect spillage
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up
P501	Dispose of contents/container in accordance with local/regional/ national regulations

Other hazards: None known

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Ingredients:

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Substance name (IUPAC)	CAS Number.	Concentration % by weight	Classification EC1272/2008
Profenofos	41198-08-7	54.8%	Acute Toxicity (Category 4) H302 Acute Toxicity (Category 4) H312 Acute toxicity (Category 4) H332 Aquatic Acute (Category 1)H400 Aquatic Chronic (Category 1) H410
Methanol	67-56-1	< 5 %	Flammable Liquid (Category 2) H225 Acute Toxicity Oral (Category 3) H301 Acute Toxicity Inhalation (Category 3)H331 Acute Toxicity Dermal (Category 3) H311 STOT SE (Category 1) H370
Ethanediol	107-21-1	< 5%	Acute Toxicity oral (Category 4) H302 STOT RE (Category 2) H373
Toluene	108-88-3	< 30 %	Flammable Liquid (Category 2) H225 Skin Irritation (Category 2) H315 Aspiration Toxicity (Category 1) H304 STOT SE (Category 3) H336 STOT RE (Category 2) H373 Reproduction Toxicity (Category 2) H361d

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

SECTION 4. FIRST AID MEASURES
Description of first aid measures:

In case of inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.

In case of skin contact: In case of contact, Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. Seek medical advice if necessary. Persons who become sensitized may require specialized medical management with anti-inflammatory agents

In case of eye contact: Flush eyes with clean water for at least 15 – 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. Seek medical attention immediately.

In case of ingestion: Rinse mouth thoroughly with water. Do not induce vomiting, due to the aromatic solvent. Seek medical advice immediately. If the person is alert and respiration is not depressed, administer medicinal charcoal in a large quantity of water. Never give anything by mouth to an unconscious person. Establish and maintain airway. Treat respiratory difficulty with artificial respiration and oxygen. Do not give morphine, aminophylline, phenothiazines, reserpine, furosemide, or ethacrynic acid. Treat symptomatically and supportively. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms and effects, both acute and delayed:

Poisoning produces effects associated with anticholinesterase activity which may include: Nausea Diarrhea Vomiting Aspiration may cause pulmonary oedema and pneumonitis.

Indication of any immediate medical attention and special treatment needed:

Advice to physician: Consider taking venous blood for determination of blood cholinesterase activity (use heparin tube).

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Administer atropine sulphate as antidote. Specific antidotes are oximes (e.g. Pralidoxime) or Toxogonin. Do not induce vomiting: contains petroleum distillates and/or aromatic solvents..

SECTION 5. FIRE FIGHTING MEASURES

Extinguisher media:

Suitable extinguisher media: Foam. Dry powder. Carbon dioxide. Water spray.

Unsuitable extinguishing media: Do not use high volume water jet, due to contamination risk.

Specific hazards arising from the mixture:

Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. This material is very toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous decomposition products in case of fire: Refer to Section 10: Stability and Reactivity.

Advice for fire-fighters:

Avoid inhaling hazardous vapours. Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear. Use an approved/certified respirator or equivalent.

Contain fire control agents for later disposal according to Section 13.

Water can be used to cool unaffected containers.

SECTION 6. ACCIDENTAL RELEASE

Personal precautions, protective equipment, and emergency procedures:

For non-emergency personnel: Keep all personal away may be harmful by inhalation. Avoid contact with eyes and skin.

For emergency responders: Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear. Use an approved/certified respirator or equivalent Avoid contact with eyes and skin. Do not breathe in fumes. Refer to section 8 for recommended personal protective equipment. Evacuate unnecessary personnel.

Environmental precautions:

Stop leak if without risk. Do not touch spilled material. Use a light water spray to reduce vapours.

Prevent entry into drains, watercourses, or confined areas; dike if needed.

If the product contaminates public water, inform appropriate authorities immediately in accordance with local regulations.

Dispose in a safe manner in accordance with local/national regulations.

Methods for containment and cleaning up:

For small spills Contain spilled material if possible. Collect in suitable and properly labelled containers. Absorb with materials such as: sand, earth, vermiculite, or diatomaceous earth

For large spills Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

Reference to other sections:

see Section 1 for emergency contact information

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for information on disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

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Harmful and toxic by absorption, or if swallowed or inhaled. Avoid contact with eyes, prolonged contact with skin, and inhalation of mist and vapour. Use with adequate ventilation. Wash hands before eating, drinking, chewing gum, smoking, or using the toilet. Remove clothing immediately if the insecticide gets inside. Then wash skin thoroughly using a non-abrasive soap and put on clean clothing. Water used to clean equipment must be disposed of correctly to avoid contamination.

Protective measures: Observe directions on label and instructions for use.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures. Remove contaminated clothing and protective equipment before entering eating areas

Conditions for safe storage, including incompatibilities:

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Specific end uses:

Use as directed. Use original container.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

Acceptable Daily Intake (ADI): 0.01 mg/kg body weight (Profenofos).

Exposure Limits: No data available

Exposure control:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. A Risk Assessment should be conducted before handling is to commence to determine specific exposure control.

Appropriate engineering controls: Provide exhaust ventilation or other engineering controls. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Hygiene measures: Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Avoid contact with eyes. Wear a full-face shield when handling the product or spraying. The use of safety glasses with side shields (or goggles) are recommended if a face shield is not used.

Hand protection: Use chemical resistant gloves. Examples of preferred glove barrier materials include Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, Polyvinyl alcohol, Polyvinyl chloride.

Body protection: Appropriate impervious clothing is required to prevent skin contact with the product.

Respiratory protection: Work only in a well-ventilated area. Respiratory protection is required; Wear an approved respirator suitable for protection from dusts and mists of pesticides. Limitations of respirator use specified by the approving agency and the manufacturer must be observed. In case of heavy exposure, wear a gas mask with universal filter.

Environmental exposure controls: Prevent product from entry into sewers and water courses

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

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Appearance	Liquid
Colour	Light yellow
Odour	No data available
Odour threshold	No data available
pH	3-7
Melting point / freezing point (°C)	No data available
Boiling point (°C)	No data available
Flash point (°C)	No data available
Evaporation rate	No data available
Flammability	Highly flammable liquid and vapour
Upper /lower flammability limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density (25°C)	No data available
Water solubility (g/l) at 20°C	0.02 g/l (at 20 °C).
Partition coefficient : n-octanol/water	No data available
Auto-ignition temperature (°C)	No data available
Decomposition temperature (°C)	No data available
Viscosity, dynamic (mPa s)	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

SECTION 10. STABILITY AND REACTIVITY
Reactivity:

The product is stable under normal conditions.

Chemical stability:

Stable under normal storage conditions for 2 years. Avoid excessive heat sources.

Possibility of hazardous reactions:

No information available.

Conditions to avoid:

Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

Incompatible materials:

Should not be applied in combination with alkaline products.

Hazardous decomposition products:

No data available

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution: No data available

Information on toxicological effects:
Assessment of acute toxicity:

The product has not been tested. The data reported is for the main ingredients in the mixture.

Profenofos tech CAS No. 41198-08-7

Acute toxicity:

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Acute Oral LD50 (rat - male)	620 mg/kg
Acute Dermal LD50 (rat):	1100 mg/kg
Acute Inhalation LC50 - 4 h (rat)	>2.2 mg/l
Skin irritation/ corrosion (rabbits)	Moderate skin irritant
Eye damage / irritation (rabbits)	Mild eye irritant
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Animal testing did not show any mutagenic effects.
Carcinogenicity	No evidence of carcinogenicity in animal studies
Reproductive toxicity	No toxicity to reproduction
Specific Target Organ Toxicity STOT single exposure	Not classified
Specific Target Organ Toxicity STOT repeated exposure	Not classified
Aspiration hazard	Not classified

Methanol 67-56-1	
Acute toxicity:	
Acute Oral LD50 (rat - male)	5628 mg/kg
Acute Dermal LD50 (rabbit):	15800 mg/kg
Acute Inhalation LC50 - 6 h (rat)	130.7 mg/l air
Skin irritation/ corrosion (rabbits)	No skin irritation
Eye damage / irritation (rabbits)	No eye irritation
Respiratory or skin sensitization (Guinea pig)	Negative
Germ cell mutagenicity:	
Test Type: Ames Test	
Test system: Salmonella typhimurium	
Metabolic activation: with and without metabolic activation	
Method: OECD Test Guideline 471	
Result: negative	
Test Type: In vitro mammalian cell gene mutation test	
Test system: Chinese hamster lung cells	
Metabolic activation: with and without metabolic activation	
Method: OECD Test Guideline 476	
Result: negative	
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific Target Organ Toxicity STOT single exposure	Causes damage to organs. - Eyes, Central nervous system.
Specific Target Organ Toxicity STOT repeated exposure	No data available
Aspiration hazard	Not classified

Additional Information:

Acute effects: Headache, dizziness, drowsiness, narcosis, blindness, impairment of vision, irritant effects, nausea, vomiting, agitation, spasms, inebriation, coma. Drying-out effect resulting in rough and chapped skin.

Damage to liver, kidney, cardiac, irreversible damage of the optical nerve.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

Ethenediol CAS No. 107-21-1
Acute toxicity:

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Acute Oral LD50 (rat)	7712 mg
Acute Dermal LD50 (mouse)	3500 mg/kg
Acute Inhalation LC50 - 6 h (rat)	2.5 mg/l
Skin irritation/ corrosion (rabbit)	No skin irritation 20h
Eye damage / irritation	No eye irritation 24h
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific Target Organ Toxicity STOT single exposure	No data available
Specific Target Organ Toxicity STOT repeated exposure	No data available
Aspiration hazard	No data available

Additional Information:

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Toluene CAS No. 108-88-3	
Acute toxicity:	
Acute Oral LD50 (rat - male)	5580 mg/kg
Acute Dermal LD50 (rabbit):	>5000 mg/kg
Acute Inhalation LC50 - 4 h (rat)	25.7mg/l
Skin irritation/ corrosion (rabbits)	Causes skin irritation
Eye damage / irritation (rabbits)	Causes eye irritation
Respiratory or skin sensitisation	Not a sensitiser
Test Type: In vitro mammalian cell gene mutation test Test system: Mouse lymphoma test Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 476 Result: negative Test Type: Ames test Test system: S. typhimurium Metabolic activation: with and without metabolic activation Method: Mutagenicity (Salmonella typhimurium - reverse mutation assay) Result: negative Test Type: Chromosome aberration test Species: Rat Cell type: Bone marrow Application Route: i.p. Result: negative	
Carcinogenicity	No data available
Reproductive toxicity	Suspected of damaging the unborn child.
Specific Target Organ Toxicity STOT single exposure	May cause drowsiness or dizziness. - Central nervous system
Specific Target Organ Toxicity STOT repeated exposure	May cause damage to organs through prolonged or repeated exposure

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Aspiration hazard

Aspiration hazard, Aspiration may cause pulmonary edema and pneumonitis

Additional Information: Drowsiness, irritant effects, Dizziness, Convulsions, Headache, Nausea, Vomiting, Circulatory collapse, somnolence, inebriation, Unconsciousness, respiratory arrest, CNS disorders, respiratory paralysis, death. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12. ECOLOGICAL INFORMATION
Profenofos tech CAS No. 41198-08-7
Toxicity

Birds Acute oral LD ₅₀	84.6 mg/kg Mallard Ducks; > 2000 mg/kg Bobwhite tail
Aquatic Toxicity Fish LC ₅₀ (96 hr) Aquatic Toxicity Daphnia EC ₅₀ (48 hr) Avian Toxicity LD ₅₀ (9 days) Bee Toxicity LD ₅₀	0.0032 ppm (rainbow trout); 0.0096 ppm (bluegill sunfish). 0.00034 ppm 84.6 mg/kg (mallard ducks); >2 000 mg/kg (bobwhite quail). Toxic to bees

Persistence and degradability

Binds tightly to soil. Rapid degradation by soil micro-organisms.

Bioaccumulation potential

Low bioaccumulation potential.

Mobility in soil

Low mobility (soil)

Methanol 67-56-1
Toxicity

Aquatic Toxicity Fish LC ₅₀ flow through test (96 hr)	15400 mg/l Lepomis macrochirus (Bluegill)
Aquatic Toxicity Daphnia semi static EC ₅₀ (96 hr)	18.260 mg/l - Daphnia magna (Water flea)
Toxicity to algae – static test ErC ₅₀ (96h)	22000 mg/l Pseudokirchneriella subcapitata (green algae)
Toxicity to bacteria static test IC ₅₀ (3h)	>1.000 mg/l

Persistence and degradability

Biodegradability-aerobic 20days 99 % - Readily biodegradable.

Bioaccumulation potential

Bioaccumulation 72 days @ 20 °C 5 mg/l (methanol) - Cyprinus carpio (Carp) – Bioconcentration factor (BCF) : 1.0

Mobility in Soil

Will not adsorb on soil

Result of PBT and vPvB assessment

This substance contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other adverse effects

Avoid release to the environment

Ethanediol CAS No. 107-21-1
Toxicity

Aquatic Toxicity Fish Static LC ₅₀ (96 hr)	>72860 mg/l Pimephales promelas (<i>fathead minnow</i>)
Aquatic Toxicity Daphnia LC ₅₀ (48 hr)	>100 mg/l Daphnia magna (Water flea)
Toxicity to algae – static test EC ₅₀ (72h)	>10000 mg/l - Scenedesmus quadricauda (Green algae)
Toxicity to bacteria static test EC ₂₀ activated sludge (30 minutes) ISO 8192	>1995 mg/l >84 µg/bee.

Persistence and degradability

Biodegradability-aerobic 10 days 90-100 % - Readily biodegradable.

Bioaccumulation potential

No data available

Mobility in Soil

No data available

Result of PBT and vPvB assessment

No data available

Other adverse effects

No data available

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Toluene CAS No. 108-88-3	
Toxicity	
Aquatic Toxicity Fish LC ₅₀ flo through test (96 hr)	5.5 mg/l Oncorhynchus kisutch (coho salmon)
Aquatic Toxicity Daphnia semi static EC ₅₀ (48 hr)	3.78 mg/l Ceriodaphnia dubia (water flea)
Toxicity to algae – static test EC50 (73 hr)	No data available
Toxicity to bacteria static test EC50 (24h)	84 mg/l
Persistence and degradability	
Biodegradability-aerobic 20 days	86 % - Readily biodegradable.
Bioaccumulation potential	
Bioaccumulation 3 days @ 10 °C	Leuciscus idus (Golden orfe) - 3 d - 0,05 mg/l(Toluene) Bioconcentration factor (BCF): 90
Mobility in Soil	No data available
Result of PBT and vPvB assessment	No data available
Other adverse effects	No data available

SECTION 13. DISPOSAL CONSIDERATIONS
Waste treatment methods:
Product:

Keep out of drains, sewers, ditches, and waterways. Refer to container label for disposal information. Treat as hazardous waste and dispose of in accordance with local/ regional/ national/ international regulations.

Container:

Refer to container label for disposal information. Emptied containers retain vapour and product residues.

Observe all labelled safeguards until container is cleaned, reconditioned, or destroyed. Rinse empty container three times with a volume of water equal to at least one tenth of that of the container. Pour rinse water into spray tank

Dispose of as hazardous waste. Do not contaminate water when disposing of rinse water. Dispose of using an approved waste disposal service provider.

Follow all local/ regional/ national/ international regulations.

SECTION 14. TRANSPORT INFORMATION

UN Number	3017
UN proper shipping name	Organophosphorus Pesticide; Liquid; Toxic; Flammable (Profenofos 500g/l).
Transport hazard class	6.1 (3)
Packaging group	III
Marine pollutant	Yes

SECTION 15. REGULATORY INFORMATION
Safety, health, and environmental regulations/legislation for the mixture:

Relevant information regarding authorization: Occupational Health and Safety Act 1993. Regulation for Hazardous Chemical Agents, 2021. UN Recommendations on the Transport of Dangerous Goods Model Regulations Rev. 21 (2019), Globally Harmonized System of Classification and Labelling of Chemicals (GHS) Rev 8, 2019.

Relevant information regarding restrictions:

EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP]

Other National regulations:

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National Road Traffic Act, 1996 (ACT NO. 93 of 1996).

SANS 10228:2012- The identification and classification of dangerous goods for transport by road and rail modes.

National Environmental Management Waste Act 59 of 2008.

Act 36 of 1947 of the Republic of South Africa. This product is registered under it is a violation of South African law to use this product in any manner inconsistent with its approved labelling. Read and follow all label directions

Chemical Safety Assessment carried out? No

SECTION 16. OTHER INFORMATION

Indication of changes:

Classification according to SANS 10234:2019, Regulation EC 1272/2008 [EU-GHS/CLP]

GHS aligned – all sections

Relevant H statements (number and full text):

H301-Toxic if swallowed

H331-Toxic if inhaled

H311-Toxic in contact with skin

H312-Harmful in contact with skin

H336-May cause drowsiness or dizziness

STOT SE 1 H370 - Specific Target Organ Toxicity single exposure (Category 1), Central nervous system, Liver, Kidney

STOT RE 2 H373 - Specific Target Organ Toxicity repeated exposure (Category 2),

Training instructions:

Use as indicated on the label, special training may be required for application.

Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

The information on this sheet is not a specification; it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product, nor where instructions or recommendations are not followed.